Program Description/Textbook or Print Instructional Material

Vendor: Thomson Learning/Course Technology Web Address: www.course.com

Title: CCNA Guide to Cisco Networking

Author: Hudson   Copyright: 2003

ISBN: 0-619-03477-7   Course/Content Area: Vocational and Career Education; Information
Technology Program; Networking

Intended Grade or Level: 9-12   Readability Level: 9.9   (Flesch-Kincaid)

List Price: 63.95   Lowest Wholesale Price: 47.50

All materials bid as of July 1, 2003 must be offered in an alternative format for students who require reading accommodations. A description of the levels of accommodation is included on p. 8-9 of this bid packet. The Kentucky Department of Education must receive a copy of the alternative format if the material is placed on the State Multiple List.

Level of Accomodations (Level One, Two or Three) Level Three

If Level Two or Three, please provide rationale for not meeting Level One Compliance   It is not financially feasible for our products to meet Level One at this time.

FEATURES

DISCLAIMER: The features of each book or program were developed by the publisher and do not reflect the opinion of the State Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content
- Provides comprehensive coverage of Cisco networking and routing, and prepares the user for Cisco's CCNA Exam #640-607.
- Maps completely to Cisco's CCNA Exam #640-607, with in-depth coverage of all the exam objectives.
- Includes coverage of Broadband (XDSL, Cable), Cisco 1900 Switch, Cisco IOS 12.00, and VLANs
- Optional lab manual provides extensive lab exercises and hands-on projects to reinforce learning. CCNA CertBlaster and eRouter Learning Network also available

Student Experiences
- CD-ROM features CoursePrep exam preparation software the mimics the exam environment to get you ready for exam day.
- Includes numerous review questions and case projects to reinforce the hands-on skills needed for certification and success.

Assessment
CCNA Guide to Cisco Networking, Second Edition provides a comprehensive guide for anyone wishing to obtain a solid background in basic Cisco networking concepts, and serves as an ideal tool to prepare for the CCNA certification exam #640-607. Combining revised and updated content from the CCNA Guide to Cisco Networking Fundamentals and the CCNA Guide to Cisco Routing, this second edition presents the basics of networking,

including the OSI model, data encapsulation, network segmentation, and basic network design. It also covers the steps to configure Cisco routers for a variety of tasks, including basic configuration of router hostnames to advanced assess-list creation. In addition, concepts such at TCP/IP addressing and subnetting are covered in detail. All concepts are reinforced with challenging real-world review questions and case projects.

Organization
1. Introducing Networks
2. Network Devices
3. TCP/IP and IP Addressing
4. Network Topology and Design
5. WAN Concepts
6. Router and IOS Basics
7. Router Startup and Configuration
8. Nonroutable, Routed, and Routing Protocols
9. IPX/SPX
10. Access Lists
11. PPP/ISDN
12. Frame Relay
13. Switching and VLANs

Resource Materials
Gratis Items To Be Provided And Under What Conditions
Instructor's Resource Kit (0-619-03512-9) Free 1 per teacher

Available Ancillary Materials
Lab Manual (0-619-03478-5)

RESEARCH DATA AND EVIDENCE OF EFFECTIVENESS

DISCLAIMER: The research data and evidence of effectiveness was provided by the publisher and does not reflect the opinion of the State Review Team, State Textbook Commission, nor the Kentucky Department of Education.

*NOTE: Please complete this section by indicating the research data and evidence of effectiveness or give a web site where the information is located. If there is no research data and evidence of effectiveness, please indicate **"not available"** in the space.*

Group V - Career/Technical Vocational/Practical Living Education Instructional Materials Evaluation Tool IT Networking

Title: CCNA Guide to Cisco Networking	**Cost: $ 47.50**

Publisher: Thomson Learning/Course Technology

Item Evaluated: Textbook and Software

Copyright Date: 2003	**Evaluator: Scott Horan**
Content Level: 9-12	**Date of Evaluation: 7/31/2003**

Level of Alternative Format	Level 1 – Full Compliance	Level 2 – Provisional Compliance	Level 3 – Marginal Compliance
This section completed by Exceptional Children Services			

Overall Strengths and/or Weaknesses

Disclaimer: Comments on the strengths and/or weaknesses of each book, material or program were written by members of the State Textbook/Instructional Materials Review Team and reflect their opinions . They do not reflect the opinions of the State Textbook Commission nor the Kentucky Department of Education. In addition, the State Textbook/ Instructional Materials Review Team completed each evaluation form during the week of July 28-Aug. 1, 2003. In order to maintain the integrity of the of the review team's comments, editing was limited to spelling and punctuation.

Recommendations:
X Recommended by reviewers to State Textbook Commission
☐ Not recommended by reviewers to State Textbook Commission

Publisher's Explanation of Reviewer's Comments: By action of the State Textbook Commission, publishers are provided limited space, 150 words, to respond to what they may consider factual errors made by the reviewers in the evaluation.

Group V - Career/Technical Vocational/Practical Living Education Instructional Materials Evaluation Tool IT Networking

Title: CCNA Guide to Cisco Networking	Publisher: Thomson Learning/CT

Technology Management Summary Data:	20 possible points	_____16_____ points earned

Technology Management Comments:

Technology Presentation/Interface Summary Data:	40 possible points	_____35_____ points earned

Technology Presentation/Interface Comments:

Content Summary Data:	36 possible points	_____32_____ points earned

Content Comments:

Instruction & Management Summary Data	52 possible points	_____50_____points earned

Instruction & Management Comments:

Organization & Structure Summary Data	36 possible points	_____30_____ points earned

Organization & Structure Comments:

Resource Material Summary Data	40 possible points	_____35_____points earned

Resource Material Comments:

Group V - Career /Technical & Vocational/Practical Living
Electronic Instructional Media Review Form - CCNA Guide to Cisco Networking—Thomson/CT
Stand Alone/Independent or Integrated Software for IT Networking

Equipment (circle or change fill color)	Grade Level (circle or change fill color)	Audience (circle or change fill color)	Format (circle or change fill color)	Cost: Included with text	
Windows	Primary	Individual	**Stand Alone/Independent**	_____single copy	_____site license
Macintosh	Intermediate	**Individual**	**Integrated**	_____network version	_____school version
CD-ROM	Middle	**Small Group**	Supplemental	____lab pack of ___ copies	_____online
DVD	**High**	**Large Group**	In lieu of basal test		
Sound					
Other					

If other, explain

Type of Software: Check all that apply	_____Simulation	**_____Management**	_____Interdisciplinary	_____Problem Solving	**____Tutorial**
_____Exploratory	_____Creativity	_____Drill and Practice	_____Critical Thinking	_____Utility	_____Other:

Rating Scale:	3—Some of the time	1—None of the time
4—All or the time	2—Minimally	0— Not applicable

Management	Rating
Allows customizing for individual learning needs.	4
Allows students to exit and resume at a later time.	4
Keeps a students performance record, where needed.	4
Allows control of various aspects of the software (e.g., turning sound off).	0
Allows for printed reports.	4
Comments:	**Total** **16**

Presentation/Interface	Rating
Presents material in an organized manner.	4
Has consistent, easy-to-use, on-screen instructions.	4
Has developmentally correct presentation format.	4
Adapts to different learning environments (learning styles/multiple intelligences, etc.)	4
Accessible for special needs students.	4
Runs smoothly, without long delays.	4
Presents easy-to-view text and graphics.	4
Presents easy-to-hear and understand sounds.	0
Avoids unnecessary screens, sounds, and graphics.	3
Provides immediate, appropriate feedback.	**4**
Comments:	**Total** **35**

Content—IT Networking	Rating
Career Focus/Employability Skills/Workplace Readiness Skills	0
Network Hardware/Software Operation	4
Network Hardware/Software Installation	4
Network Analysis Design	4
Network Configuration Implementation	4
Network System Testing	4
Network Monitoring and Management	4
Network Administration and Maintenance	4
Major Networking Companies: **Cisco**, Nortel, Novell, Microsoft, Apple, etc.	4
Comments: Good coverage and illustrations; no mention of version 3.0 or 2.14	**Total** **32**

Rating Scale:		2—Minimally
4—All or the time		1—None of the time
3—Some of the time		0— Not applicable

Instruction and Assessment	Rating
Identifies a Sense of Purpose	4
Builds on Student Ideas	4
Engages Students	4
Develops Computer Maintenance Ideas	4
Promotes Student Thinking	4
Assesses Student Progress	4
Enhances The Learning Environment	4
Reading level is appropriate for interest and ability level of intended student group; level remains consistent throughout.	3
Commonwealth Accountability Testing System (CATS) "like" Assessment is provided	4
Variety of Assessments (diagnostic, formative, summative, open response, multiple choice, individual, small group, oral, demonstrations, presentations, self and peer performance, portfolio prompts) is included.	4
Includes activities and opportunities for integration of technology.	4
Reflects researched-based practices (e.g. hands-on activities, technology, problem-solving situations)	4
Differentiation techniques and activities suggested.	3
Comments:	**Total** **50**

Rating Scale:	3 – Some potential for learning	1 - Not present
4 – High potential for learning	2 – Little potential for learning	0 – Not applicable

Organization and Structure	Rating
Organization is logical and allows for spiraling of content.	4
Vocabulary and key terms are clearly defined and easily accessible within each lesson.	4
Visual illustrations (e.g. graphs, charts, models) and examples are clearly presented and content-related.	4
Illustrations and language reflect diversity (e.g. racial, ethnic, cultural, age, gender, disabilities).	0
Legible type, length of lines, spacing, and page layout and width of margins contribute to overall appearance and use.	4
Student materials seem durable and conducive to daily use.	2*
Includes sufficient glossary, index and appendices.	4
Employs accurate grammar and spelling	4
Organization of material can be effectively used with Standards Based Units, Core Content and Program of Studies.	4
Comments: * Paperback textbook	**Total 30**

Resource Materials	Rating
Teacher materials coordinate easily with student materials (e.g. additional resources included at point of need, student pages shown, integration of technology indicated)	4
Activities are included that adapt to the various learning styles, intelligences, and interest/ability levels.	4
Extension activities including adaptations and accommodations for students with special needs.	3
Resources provide objectives, background information, common student errors, hints, advice for lesson implementation and real-world connections, connections with career and/technology and references (e.g. solution manuals, study guides)	4
Suggestions are made for integration of themes and /or interdisciplinary instruction.	4
Integration opportunities suggested and examples given.	4
Teacher resources are available online.	3
Online resources available – Repeat of information in text.	3
Online resources available – Practice skills only.	3
Online resources available – New application materials.	3
Comments:	**Total 35**

Rating Scale:	2—Minimally
4—All or the time	1—None of the time
3—Some of the time	0— Not applicable